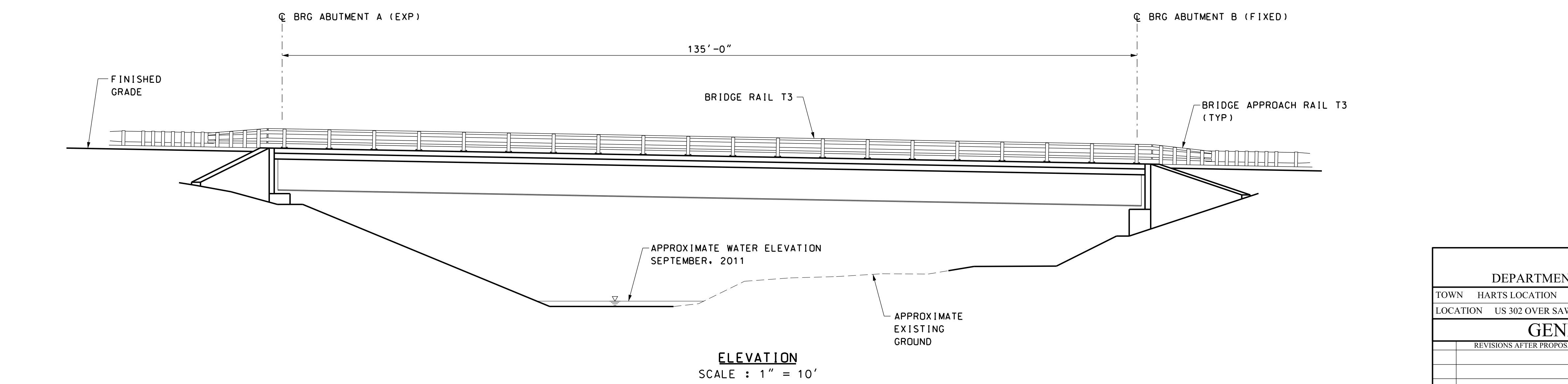


DESIGN LOADS, MATERIALS AND SPECIFICATIONS

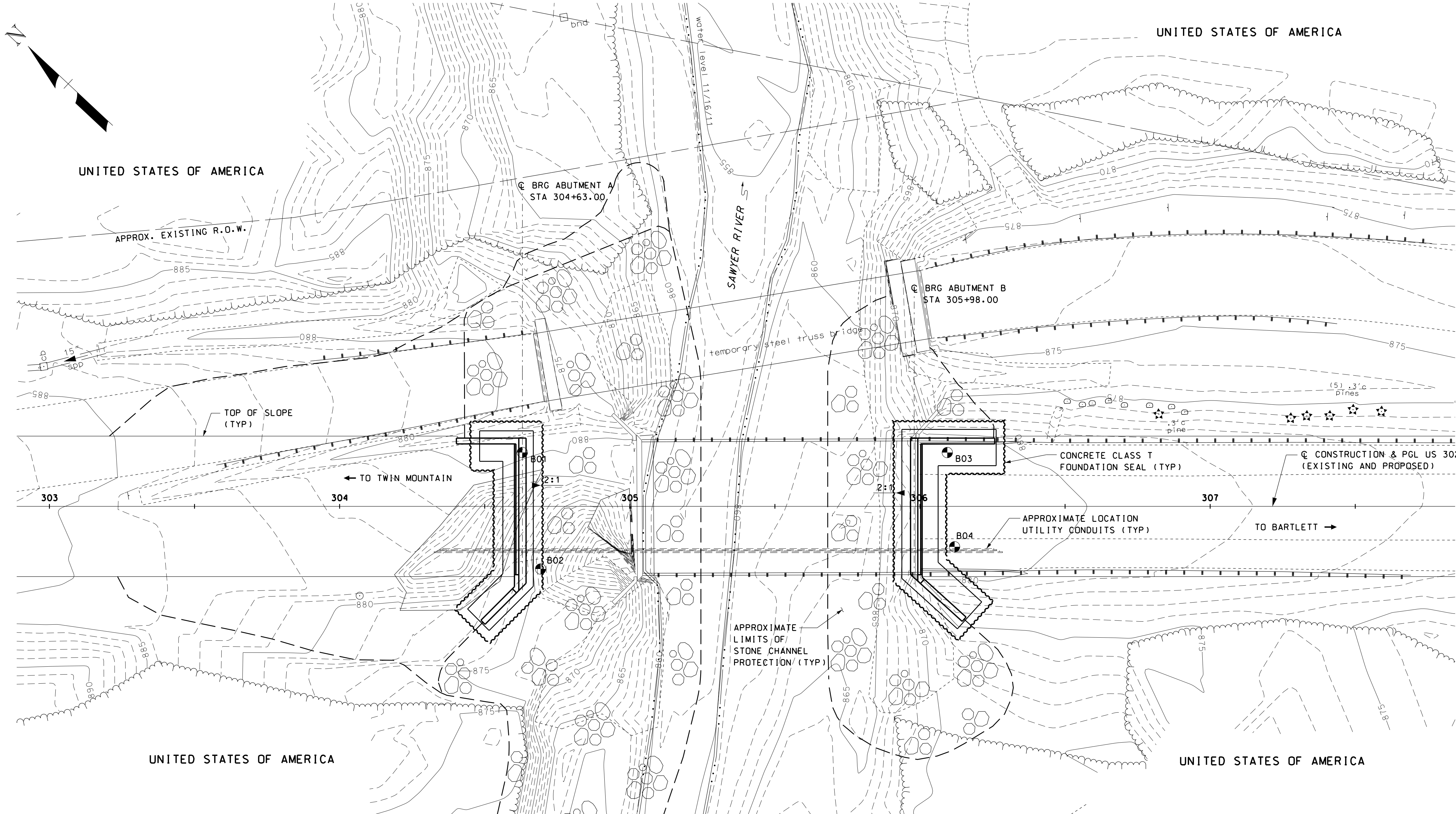
- DESIGN LOADING: HL-93
- DESIGN METHOD: LOAD AND RESISTANCE FACTOR DESIGN METHOD (LRFD)
- SPECIFICATIONS: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 2010
NHDOT 2010 STANDARD SPECIFICATIONS AS AMENDED
- FOUNDATION DATA: CANTILEVER ABUTMENTS ON SPREAD FOOTINGS
- REINFORCING STEEL: AASHTO M31 (ASTM A615) GRADE 60, EPOXY COATED
- STRUCTURAL STEEL: AASHTO M270, GRADE 50W (ASTM A709, GRADE 50W)
- MAINTENANCE OF TRAFFIC: TRAFFIC CURRENTLY DETOURED ON TO TEMPORARY BRIDGE.

INDEX OF BRIDGE SHEETS	
BRIDGE SHEET NO.	DESCRIPTION
1	GENERAL PLAN AND ELEVATION
2	SITE PLAN AND PROFILE
3	TYPICAL BRIDGE SECTION



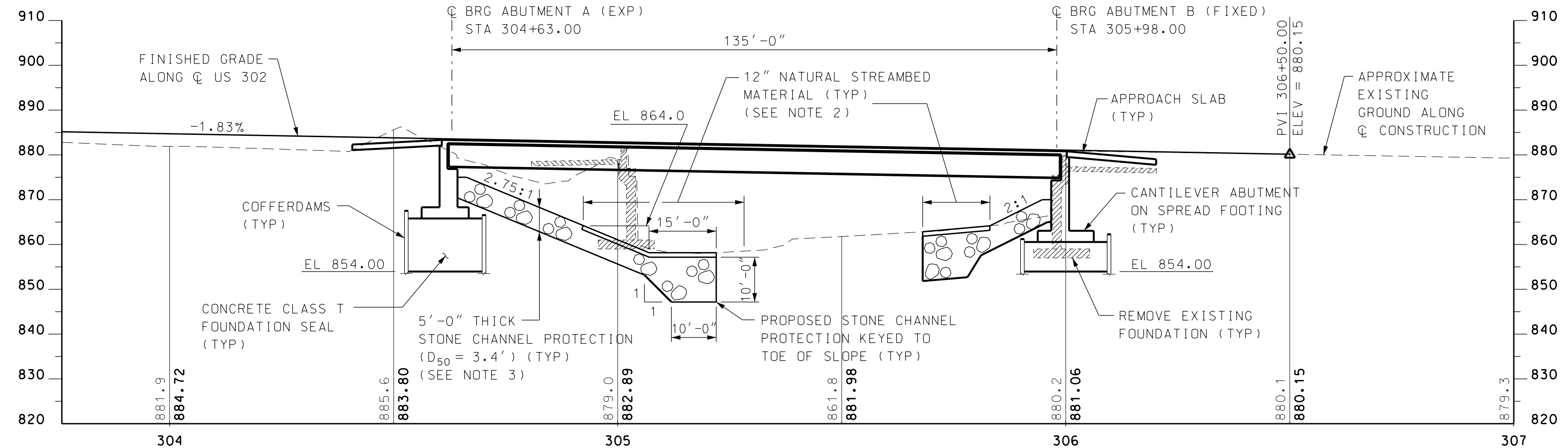
CONCEPTUAL PLANS
NOT FOR CONSTRUCTION

STATE OF NEW HAMPSHIRE												
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN												
TOWN		HARTS LOCATION		BRIDGE NO.		235/059		STATE PROJECT		16396A		
LOCATION										US 302 OVER SAWYER RIVER		
GENERAL PLAN AND ELEVATION										BRIDGE SHEET		
REVISIONS AFTER PROPOSAL				BY		DATE		BY		DATE		
				DESIGNED		JCH		01/12		TJK		01/12
				DRAWN		PBD		01/12		JCH		01/12
				QUANTITIES				CHECKED				
				ISSUE DATE		FEDERAL PROJECT NO.				SHEET NO.		TOTAL SHEETS
				REV. DATE						1		5



NOTE:
SEE ROADWAY PLANS FOR COMPLETE
LIMITS OF STONE CHANNEL PROTECTION

PLAN
SCALE: 1" = 20'



PROFILE - US 302
SCALE: 1" = 20'

BORING LOCATIONS				
NUMBER	STATION	OFFSET	NORTHING	EASTING
B01	304+63	19' LT	577973	1067490
B02	304+69	22' RT	577941	1067465
B03	306+10	19' LT	577866	1067590
B04	306+12	14' RT	577842	1067568

- NOTES**
- FOUNDATION SYSTEM LAYOUT IS APPROXIMATE AND BASED ON PRELIMINARY DESIGN. FINAL FOUNDATION SYSTEM SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
 - THE CONTRACTOR SHALL COVER THE STONE CHANNEL PROTECTION WITH 12" OF STOCKPILED NATURAL STREAMBED MATERIAL WITHIN THE LIMITS SHOWN ON THE PLAN.
 - THE LIMITS AND DETAILS OF STONE CHANNEL PROTECTION SHOWN ARE CONCEPTUAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING THE FINAL SCOUR PROTECTION SYSTEM, INCLUDING BUT NOT LIMITED TO STONE GRADATION, PROPOSED SITE GRADING, AND FLANKING DETAILS AT THE UPSTREAM AND DOWNSTREAM LIMITS.

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN

TOWNHARTS LOCATIONBRIDGE NO.235/059STATE PROJECT16396A

LOCATIONUS 302 OVER SAWYER RIVER

SITEPLAN AND PROFILE

BRIDGE SHEET
2 OF 3

FILE NUMBER

DESIGNEDJCH01/12CHECKEDTTK01/12

DRAWNPBD01/12CHECKEDJCH01/12

QUANTITIES

ISSUE DATE

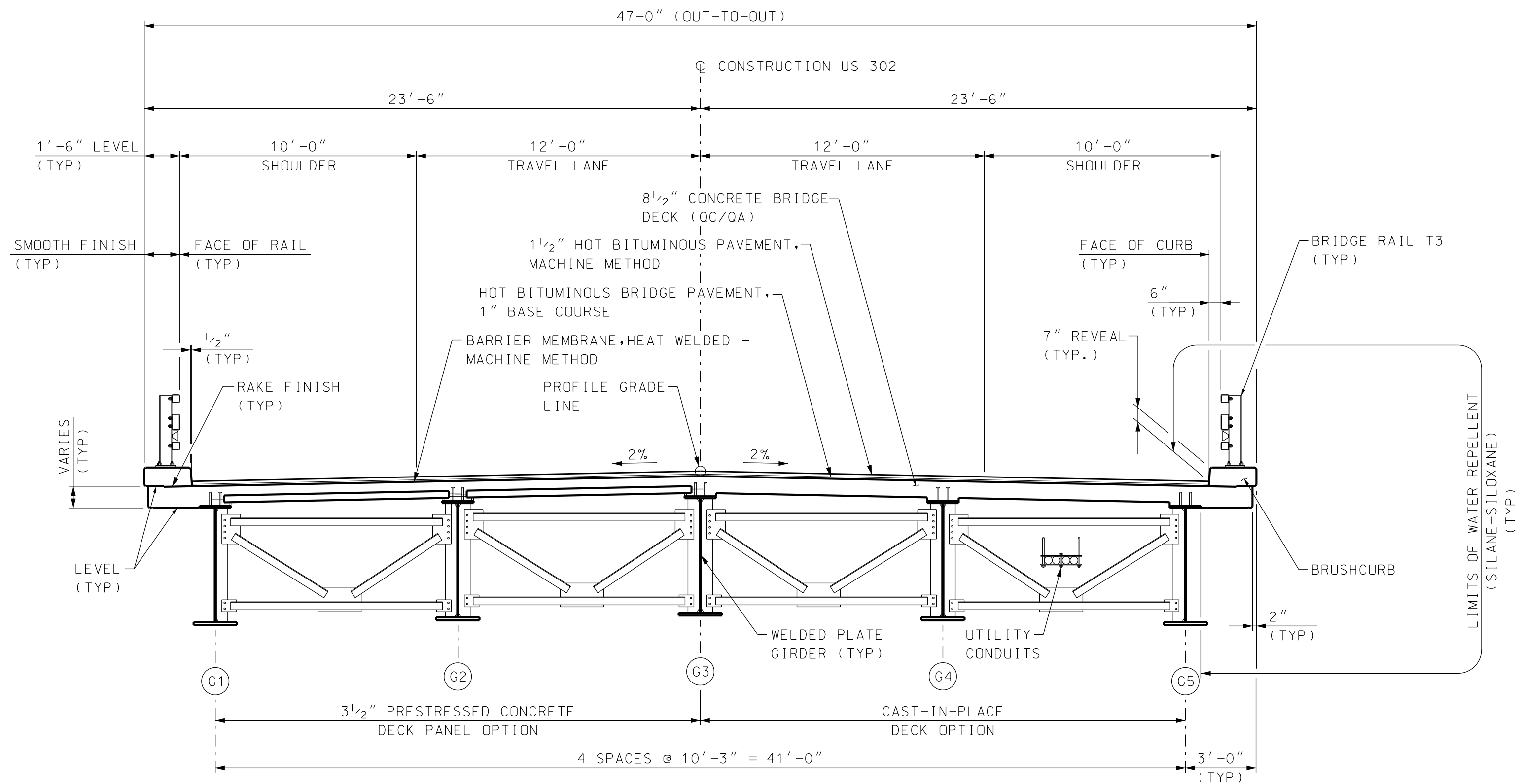
FEDERAL PROJECT NO.

SHEET NO.
2

TOTAL SHEETS
5

REV. DATE

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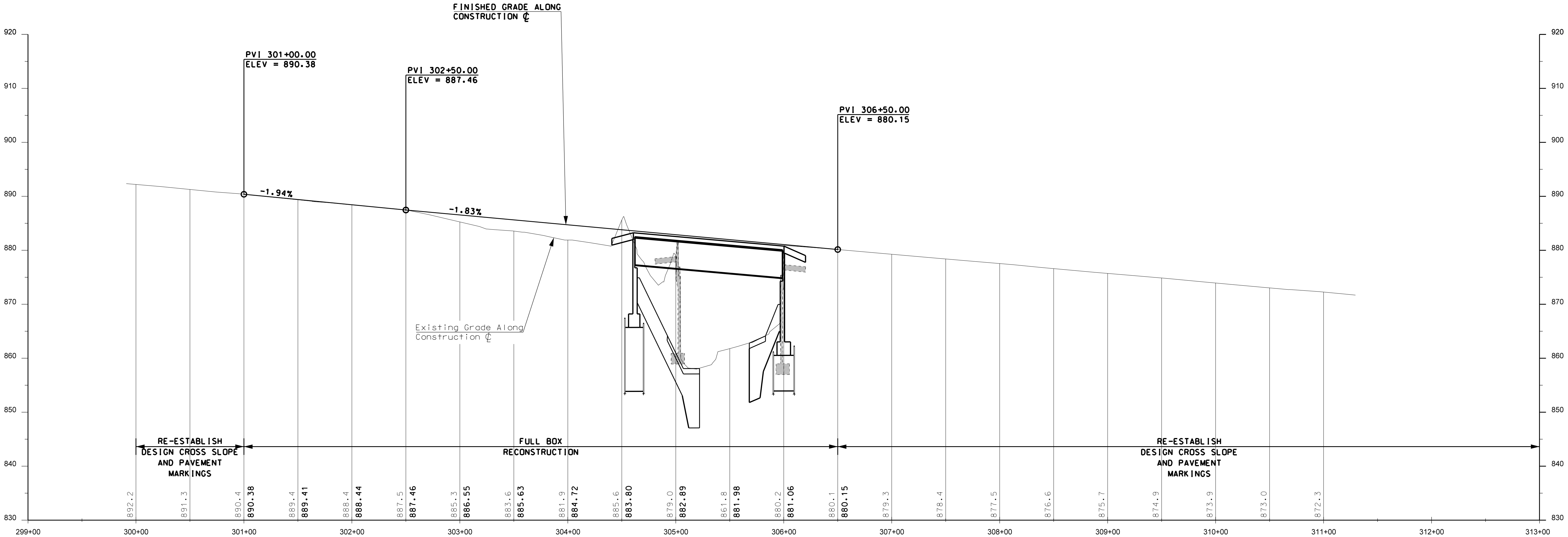


TYPICAL DECK SECTION
SCALE : 1/4" = 1'-0"

STATE OF NEW HAMPSHIRE											
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN											
TOWN	HARTS LOCATION			BRIDGE NO.		235/059		STATE PROJECT		16396A	
LOCATION US 302 OVER SAWYER RIVER											
TYPICAL DECK SECTION										BRIDGE SHEET	
REVISIONS AFTER PROPOSAL				BY		DATE		BY		DATE	
				DESIGNED		JCH 01/12		CHECKED		TTK 01/12	
				DRAWN		PBD 01/12		CHECKED		JCH 01/12	
				QUANTITIES				CHECKED			
				ISSUE DATE		FEDERAL PROJECT NO.				SHEET NO.	
				REV. DATE						3	
										5	
										3 OF 3	
										FILE NUMBER	
										TOTAL SHEETS	

EXISTING DETAIL		DATE		REVISIONS AFTER PROPOSAL			
PROPOSED DESIGN	MAH	DATE	01/12	NUMBER	DATE	STATION	DESCRIPTION
SHEET CHECKED	BRC	DATE	01/12				
AS BUILT DETAILS		DATE					

NOTEBOOKS	
BOOK	PAGE
BOOK	PAGE



STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
N.H.	16396-A	5	5

STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION		◦	BUREAU OF HIGHWAY DESIGN
PROFILE US ROUTE 302			
FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
	16396-A	5	5

SCALE:
1" = 50' HORIZ.
1" = 10' VERT.